**Abstract**

**Background:** Endometriosis-specific (advanced gynaecological) ultrasound is recommended as part of preoperative work-up of women with suspected endometriosis.

**Aim:** To evaluate the awareness and utilisation of advanced gynaecological ultrasound in the preoperative work-up of women with suspected endometriosis among active RANZCOG (Royal Australian and New Zealand College of Obstetricians and Gynaecologists) fellows and trainees.

**Materials and methods:** Anonymous online survey invitations were emailed to all active RANZCOG fellows in Australia and New Zealand. Descriptive analysis of responses and multivariate analysis where appropriate were performed. P < 0.05 was considered statistically significant.

**Results:** A 17% (437/2567) survey response rate and 93% (409/437) completion rate were recorded; 59% (248/421) of respondents identified as generalists, whereas 15% (63/421) identified as advanced laparoscopic surgeons. Routine pelvic ultrasound (88.9%, 361/406) was the most common imaging modality requested by respondents; 32% (128/405) of respondents would also always request advanced gynaecology ultrasound. Respondents' self-reported practice type was significantly associated with utilisation of advanced gynaecological ultrasound (P = 0.03); 79.6% (348/437) agreed with our proposed definition of advanced gynaecological ultrasound for endometriosis. A major limitation to the utilisation of advanced gynaecological ultrasound for endometriosis was the lack of local expertise (63.8%, 233/356).

**Conclusion:** The utilisation of advanced gynaecological ultrasound for endometriosis is significantly influenced by respondents' self-reported practice type and limited by the lack of local expertise.